Model	QQ 7080	**Trouble Category**	Engine
Road Mileage	2,000 KM		

Possible Trouble(s):

The engine chatters seriously.

Trouble Analysis:

The trouble is a typical problem about the single-cylinder not work. In general, if the ignition switch doesn¡t turn on, a slight gasoline flavor from the engine exhaust pipe can be smelt. At the same time, when the accelerator pedal is rapidly stepped on, a slight blasting sound from the exhaust pipe can be heard. However, The vehicle has no this symptom. So, it can be determined that the fault point is located at the fuel pipeline. Although the resistance of injection nozzle in the fuel pipeline is regular, it can¡t show that the injector itself has no problem. It is possible that, although the value of resistance is normal, the fuel pipeline of injector is already jammed, and the fault symptom above occurs as before.

Troubleshooting:

Compared with the four-cylinder or six-cylinder engine, the three-cylinder engine chatters considerably, but it is considerably felt that the chattering of the vehicle¡s engine is caused by the cylinder failure. Check all ignition high voltage cables, ignition coils and low-level control circuit, and find all of them are normal. Check the cylinder pressure and find it is approx. 11 times atmospherical pressure. Check the resistance of any injector and find all values of resistance are approx. 11 - 16 Ω. So, it is doubted only that the trouble is caused due to the fuel pipeline problem. Remove the injector unit, power on and check the injector, and find that the No 2 injector doesn¡t work. After this injector is replaced, install the new injector on the vehicle, test the vehicle, and find vehicle returns to normal.

Final Measure(s):

Replace the No 2 injector.